


Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	3	7,138,565 B2 (including complete file history)	11-21-2006	Peter Michael Waterhouse and Ming-Bo Wang
	4	2007-0056057 A1 (including complete file history)	03-08-2007	Peter Michael Waterhouse and Ming-Bo Wang
	5	2005/0251877 A1 (including complete file history)	11-10-2005	Peter Michael Waterhouse and Ming-Bo Wang
	6	2003/074684 A1 (including complete file history)	04-17-2003	Peter Michael Waterhouse and Robert Norman Rice
	10	2003/0159161 A1 (including complete file history)	08-21-2003	Peter Michael Waterhouse and Robert Norman Rice
	14	09/100,813 (including complete file history)	06-19-1998	Michael Wayne Graham
	15	09/646,807 (including complete file history)	12-05-2000	Michael Wayne Graham et al.
	17	2004/0237145 A1 (including complete file history)	11-25-2004	Michael Wayne Graham et al.
	19	2008/0044906 A1 (including complete file history)	02-21-2008	Peter Michael Waterhouse et al.
	20	09/056,767 (including complete file history)	04-08-1998	Peter Michael Waterhouse et al.
	21	09/127,735 (including complete file history)	08-03-1998	Peter Michael Waterhouse et al.
	22	09/287,632 (including complete file history)	04-07-1999	Peter Michael Waterhouse et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

EXAMINER
SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds of Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Applicants: Michael Wayne Graham and
Robert Norman Rice
Serial No.: 10/759,841
Filed: January 15, 2004
Exhibit 3

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JFW/GJG/JRM

U.S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	26	11/841,737 (including complete file history)	08-20-2007	Peter Michael Waterhouse et al.
	27A	5,631,148	05-20-1997	Michael S. Urdea
	27B	60/068,562	12-23-1997	Andrew Fire et al.
	29	4,629,320	12-16-1986	Bernhard Lersmacher and Wilhelmus F. Knippenberg
	30	5,349,126	09-20-1994	Joseph Chappell et al.
	31	5,434,070	07-18-1995	Sumiko Inouye and Masayori Inouye
	32	5,405,775	04-11-1995	Sumiko Inouye and Masayori Inouye
	33	5,474,935	12-12-1995	Saswati Chatterjee and K.K. Wong, Jr.
	34	5,496,698	03-05-1996	Kenneth G. Draper and Dennis G. Macejak
	35	5,530,192	06-25-1996	Junko Murase and Jun Imamura
	36	5,578,716 (redacted version)	11-26-1996	Moshe Szyf and Eric van Hofe
	37	5,597,718	01-28-1997	Maliyakal E. John et al.
	38	5,631,148 (redacted version)	05-20-1997	Michael S. Urdea
	39	5,801,154	09-01-1998	Edgardo Baracchini et al.
	40	5,859,347	01-12-1999	Sherri Marie Brown and Colleen Gail Santino
	41	6,350,575	02-26-2002	Monika Lusky and Majid Mehtali
	42	6,506,559 (redacted version)	01-14-2003	Andrew Z. Fire et al.
	43	6,849,448	02-01-2005	Anthony J.F. D'Apice et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
EXAMINER SIGNATURE			DATE CONSIDERED		

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds of Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office		Application Number	10/759,841
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Filing Date	January 15, 2004
		First Named Inventor	Michael Wayne Graham and Robert Norman Rice
		Art Unit	1635
		Examiner Name	Whiteman, Brian A.
		Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	44	5,939,600	08-17-1999	Robert Willem Goldbach et al.
	45	5,952,546	09-14-1999	John R. Bedbrook et al.
	46	6,150,585	11-21-2000	Robert Willem Goldbach et al.
	47	7,064,185	06-20-2006	Lester F. Lau
	48	2004/0106566 A1	06-03-2004	Shi-Lung Lin and Shao-Yao Ying
	49	2004/0234504 A1	12-25-2004	Inder M. Verma et al.
	50	60/068,562 (redacted version)	12-23-1997	Andrew Fire et al.
	51	10/571,384	09-10-2004	Peter Michael Waterhouse et al.
	52	2003-0074684 A1	04-17-2003	Michael Wayne Graham and Robert Norman Rice
	53	2002-0150968	10-17-2002	Peng G. Wang and Xi Chen

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	2	WO 01/12824 A1	02-22-2001		
	13	WO 1999/049029	09-30-1999		
	54	AU 729454	02-01-2001		
	55	AU 20891/91	10-1997		
	56	AU 20891/97	10-1997		
	57	AU-B-34025/93	08-17-1995		
	58	EU 0223399	05-05-1997		
	59	EU 0240208	10-07-1987		
	60	EU 0467349	01-22-1992		
	61	EU 0647715	04-12-1995		
	62	EU 0779364	06-18-1997		
	63	EU 0522880	01-13-1993		

EXAMINER
SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds of Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	64	EU 0426195 B1	10-17-2001		
	65	EU 0458367 B1	10-17-2001		
	66	WO 89/05852	06-29-1989		
	67	WO 89/10396	11-02-1989		
	68	WO 90/12488 A2	11-01-1990		
	69	WO 91/16426	10-31-1991		
	70	WO 91/16440	10-31-1991		
	71	WO 92/04456	03-19-1992		
	72	WO 92/13070	08-08-1992		
	73	WO 92/18625	10-09-1997		
	74	WO 92/17596	10-15-1992		
	75	WO 92/21757	12-10-1992		
	76	WO 93/10251	05-27-1993		
	77	WO 94/01550 (redacted version)	01-20-1994		
	78	WO 94/17194	08-04-1994		
	79	WO 94/29465	12-22-1994		
	80	WO 2003/076619 A1	09-18-2003		
	81	WO 95/15394	06-08-1995		
	82	WO 97/11170 A1 (redacted version)	03-27-1997		
	83	WO 97/13865	04-17-1997		
	84	WO 97/16559	05-09-1997		

EXAMINER
SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds of Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Complete file history for U.S. Patent No. 6,423,885 B1, issued July 23, 2002 (U.S. Serial No. 09/373,720, filed August 13, 1999; Peter Michael Waterhouse and Ming-Bo Wang)	
	3A	Amendment submitted October 22, 2004 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3B	Amendment submitted July 13, 2005, including Terminal Disclaimer in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3C	Amendment submitted April 7, 2006 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3D	Notice of Allowability, including Examiner's Statement of Reasons for Allowance issued July 11, 2006 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3E	Office Action issued September 22, 2004 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3F	Office Action issued January 13, 2005 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3G	Office Action issued October 7, 2005 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3H	Preliminary Amendment submitted May 23, 2002 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	4A	Communication submitted September 21, 2007 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	4B	Office Action issued July 24, 2007 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	4C	Office Action issued December 12, 2007 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	4D	Preliminary Amendment submitted November 6, 2006 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5A	Amendment submitted February 28, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5B	Amendment submitted October 18, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5C	Office Action issued January 30, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5D	Office Action issued April 18, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5E	Office Action issued December 20, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5F	Preliminary Amendment submitted July 13, 2005 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5G	Amendment submitted February 15, 2008 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005, including Exhibit A	
	5H	Office Action issued March 21, 2008 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	7	Complete file history of U.S. Patent No. 6,573,099, June 3, 2003 (U.S. Serial No. 09/100,812, filed June 19, 1998; Michael Wayne Graham)	
	7A	Advisory Action issued February 15, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7B	Amendment submitted November 10, 2000 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7C	Amendment submitted November 12, 2001 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7D	Amendment submitted April 29, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JFW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	7E	Amendment submitted September 26, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7F	Amendment submitted October 17, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7G	Communication submitted April 3, 2000 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7H	Declaration of Michael Wayne Graham submitted April 29, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7I	Declaration of Kenneth Clifford Reed submitted September 26, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7J	Declaration of Michael Wayne Graham submitted September 26, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7K	Interview Summary issued January 11, 2001 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7L	Interview Summary issued September 18, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7M	Notice of Allowability, including Examiner's Amendment and Examiner's Statement of Reasons for Allowance issued November 20, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7N	Office Action issued December 2, 1999 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7O	Office Action issued May 10, 2000 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7P	Office Action issued February 12, 2001 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	8	File of Re-examination Control No. 90/007,247, filed October 4, 2004 including all references cited and disclosed, rejections and arguments therein (reexamination of U.S. Patent No. 6,573,099, issued June 3, 2003 from U.S. Serial No. 09/100,812)	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	8A	Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8B	Amendment submitted June 12, 2006 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8C	Declaration of Michael Graham Under 37 C.F.R. § 1.132 included with the Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8D	Declaration [of Michael Graham, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted June 12, 2006 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8E	Ex Parte Reexamination Interview Summary issued October 25, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8F	Letter to Examiner submitted March 1, 2006, including a copy of a communication from the Australian Patent Office in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8G	Office Action issued August 31, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8H	Office Action issued April 12, 2006 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8I	Order Granting / Denying Request For Ex Parte Reexamination issued December 7, 2004 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8J	Request for Reexamination Pursuant to 35 U.S.C. §§ 302-307 and 37 C.F.R. § 1.510, submitted October 4, 2004 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8K	Statement of the Content of the Interview Under 37 C.F.R. § 1.560(b) included with the Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	9	File of Re-examination Control No. 90/008,096, filed May 18, 2006 including all references cited and disclosed, rejections and arguments therein (reexamination of U.S. Patent No. 6,573,099, issued June 3, 2003 from U.S. Serial No. 09/100,812)	
	9A	Housekeeping Amendment submitted November 27, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	9B	Notice of Failure to Comply with Ex Parte Reexamination Request Filing Requirements [37 CFR 1.510(c)] issued May 23, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	9C	Order Granting / Denying Request For Ex Parte Reexamination issued July 20, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	9D	Reply to Notice of Failure to Comply with Ex Parte Reexamination Request Filing Requirements submitted June 14, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	9E	Request for Reexamination Pursuant to 35 U.S.C. §§ 302-307 and 37 C.F.R. §§1.502 and 1.510, submitted May 18, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	8/9A	Amendment submitted April 24, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9B	Amendment submitted August 3, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9C	Declaration [of Kenneth Reed, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted April 24, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9D	Declaration [of Michael Graham, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted April 24, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9E	Interview Summary issued March 2, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9F	Interview Summary issued July 6, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9G	Office Action issued January 24, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9H	Statement of the Content of the Interview Under 37 C.F.R. § 1.560(b) included with the Amendment submitted August 3, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9I	Summary of the Substance of the Interview and Comments on Examiner's Notes submitted March 16, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	

**EXAMINER
SIGNATURE**

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	8/9J	Office Action issued April 11, 2008 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	10A	Amendment submitted January 17, 2003 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10B	Amendment submitted October 17, 2007 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10C	Amendment submitted March 25, 2003 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10D	Amendment submitted December 27, 2006 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10E	Amendment submitted February 22, 2007, in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10F	Communication submitted August 2, 2005 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10G	Decision on Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10H	Office Action issued July 22, 2005 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10I	Office Action issued January 16, 2008 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10J	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10K	Office Action issued June 27, 2006 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10L	Office Action issued April 17, 2007 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	10M	Petition for Unintentionally Delayed Claim of Priority under 37 CFR § 1.78(a)(3) submitted December 27, 2006 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10N	Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10O	Amendment submitted April 16, 2008 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	11	Complete file history for U.S. Published Application No. 2004/0266005 A1, published December 30, 2004 (U.S. Serial No. 10/821,726, filed April 8, 2004; Michael Wayne Graham et al.)	
	11A	Amendment submitted November 14, 2005 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11B	Amendment submitted November 30, 2006 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11C	Amendment submitted December 14, 2006 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11D	Amendment submitted August 2, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11E	Amendment submitted October 31, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11F	Communication issued April 2, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11G	Decision on Petition to Make Special Under 37 CFR 1.102(d) issued July 28, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11H	Office Action issued October 14, 2005 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11I	Office Action issued May 30, 2006 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	11J	Office Action issued November 6, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11K	Petition to Make Special Under 37 CFR 1.102(d) submitted July 28, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11L	Preliminary Amendment submitted April 8, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11M	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) submitted December 12, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	12	Complete file history for U.S. Published Application No. 2005/0250208 A1, pub. November 10, 2005 (U.S. Serial No. 11/180,928, filed July 13, 2005; Michael Wayne Graham et al.)	
	12A	Amendment submitted December 22, 2006, in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12B	Amendment submitted October 17, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12C	Communication submitted March 6, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12D	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12E	Office Action issued October 31, 2006 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12F	Office Action issued February 6, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12G	Office Action issued April 17, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12H	Office Action issued January 8, 2008 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	

EXAMINER SIGNATURE	DATE CONSIDERED
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.</p>	

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	12I	Preliminary Amendment submitted July 13, 2005 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12J	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) filed October 17, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005.	
	15A	Amendment submitted December 18, 2002 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15B	Amendment submitted September 8, 2003 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15C	Amendment submitted December 7, 2004 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15D	Amendment submitted March 10, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15E	Amendment submitted December 27, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15F	Amendment submitted December 28, 2006 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15G	Communication issued February 17, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15H	Communication issued October 27, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15I	Office Action issued November 18, 2002 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15J	Office Action issued March 7, 2003 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15K	Office Action issued November 18, 2002 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	15L	Office Action issued December 17, 2003 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15M	Office Action issued June 28, 2006 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15N	Petition for Unintentionally Delayed Claim of Priority under 37 CFR § 1.78(a)(3) submitted December 28, 2006 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15O	Preliminary Amendment submitted September 20, 2000 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15P	Preliminary Amendment submitted May 14, 2001 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15Q	Preliminary Amendment submitted July 30, 2001 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15R	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) submitted December 12, 2007 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	16	Complete file history for U.S. Published Application No. 2004/0064842 A1, April 1, 2004 (U.S. Serial No. 10/646,070, filed August 22, 2003; Michael Wayne Graham et al.)	
	16A	Amendment submitted December 15, 2004 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16B	Amendment submitted April 7, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16C	Amendment submitted December 27, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16D	Amendment submitted June 22, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16E	Amendment submitted July 24, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	16F	Amendment submitted August 11, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16G	Amendment submitted February 28, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16H	Amendment submitted October 29, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16I	Amendment issued January 24, 2008 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16J	Decision on Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16K	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16L	Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Protein Sequence Disclosures issued October 27, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16M	Office Action issued October 15, 2004 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16N	Office Action issued July 24, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16O	Office Action issued August 11, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16P	Office Action issued August 28, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16Q	Office Action issued April 27, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16R	Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

**Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office**
**INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)**

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	16S	Preliminary Amendment submitted August 22, 2003 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	17A	Advisory Action issued September 14, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17B	Advisory Action issued July 20, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17C	Amendment submitted December 15, 2004 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17D	Amendment submitted April 29, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17E	Amendment submitted August 29, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17F	Amendment submitted November 20, 2006 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17G	Amendment submitted July 12, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17H	Amendment submitted July 25, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17I	Amendment submitted October 31, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17J	Decision on Petition to Make Special Under 37 CFR 1.102(d) submitted July 23, 2004 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17K	Interview Summary issued November 6, 2006 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17L	Office Action issued October 15, 2004 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	17M	Office Action issued February 8, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17N	Office Action issued February 11, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17O	Office Action issued June 29, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17P	Office Action issued June 19, 2006 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17Q	Office Action issued January 12, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17R	Office Action issued August 7, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17S	Petition to Make Special Under 37 CFR 1.102(d) submitted July 23, 2004 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17T	Preliminary Amendment submitted December 21, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004.	
	17U	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) submitted December 12, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17V	Office Action issued April 17, 2008 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	18	Complete file history for U.S. Published Application No. 2006/0014715, published January 19, 2006 (U.S. Serial No. 11/218,999, filed September 2, 2005; Michael Wayne Graham et al.)	
	18A	Amendment submitted October 31, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	18B	Office Action issued September 17, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office		Application Number	10/759,841
		Filing Date	January 15, 2004
		First Named Inventor	Michael Wayne Graham and Robert Norman Rice
		Art Unit	1635
		Examiner Name	Whiteman, Brian A.
		Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	18C	Preliminary Amendment To The Accompanying Divisional Application Filed Under 37 C.F.R. §1.53, Submission of Sequence Listing And Information Disclosure Statement submitted September 2, 2005 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	18D	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) submitted October 31, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	18E	Amendment submitted February 19, 2008 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	22A	Advisory Action issued April 11, 2002 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22B	Communication issued December 3, 2004, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22C	Communication issued March 25, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22D	Communication issued August 21, 2001 in connection with U. S. Serial No. 09/287,632, filed April 7, 1999	
	22E	Communication submitted May 18, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22F	Communication issued July 21, 2000 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22G	Communication issued June 2, 1999 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22H	Declaration of Dr. Marc De Block Under 37 C.F.R. §1.132, including Annexes 1 and 2 submitted August 8, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22I	Declaration of Dr. Elizabeth Salisbury Dennis Under Under 37 C.F.R. §1.132, including Exhibits 1 to 14 submitted August 8, 2007 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22J	Interview Summary issued November 30, 2007 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	

EXAMINER SIGNATURE	DATE CONSIDERED
-------------------------------	------------------------

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	22K	Interview Summary issued June 2, 2006, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22L	Interview Summary issued July 29, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22M	Interview Summary of September 5, 2002 Interview in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22N	Office Action issued February 8, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22O	Office Action issued June 22, 2006 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22P	Office Action issued November 10, 2005 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22Q	Office Action issued March 11, 2005 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22R	Office Action issued November 3, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22S	Office Action issued November 2, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22T	Office Action issued November 1, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22U	Office Action issued April 9, 2003 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22V	Office Action issued July 16, 2002 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22W	Office Action issued October 3, 2000 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	

EXAMINER SIGNATURE	DATE CONSIDERED
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.</p>	

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	22X	Petition To Correct Inventorship Pursuant To 37 C.F.R. 1.48(a) submitted September 13, 2006 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22Y	Amendment submitted November 22, 2006 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22Z	Amendment submitted May 10, 2006, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22AA	Amendment submitted September 12, 2005, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22BB	Amendment submitted August 8, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22CC	Amendment submitted July 7, 2003 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22DD	Amendment submitted January 16, 2003 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22EE	Amendment issued April 2, 2002 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22FF	Amendment submitted August 24, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22GG	Amendment submitted June 11, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22HH	Amendment submitted March 5, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22II	Amendment submitted August 21, 2000 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22JJ	Preliminary Amendment submitted June 28, 1999 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office		Application Number	10/759,841
		Filing Date	January 15, 2004
		First Named Inventor	Michael Wayne Graham and Robert Norman Rice
		Art Unit	1635
		Examiner Name	Whiteman, Brian A.
		Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	22KK	Summary of Interview submitted August 6, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	23	Complete file history for U.S. Patent Publication No. 2004-0214330, published October 28, 2004 (U.S. Serial No. 10/755,328, filed January 13, 2004; Peter Michael Waterhouse et al.)	
	23A	Office Action issued September 1, 2005 in connection with U.S. Serial No. 10/755,328, filed January 13, 2004	
	23B	Preliminary Amendment submitted January 13, 2004 in connection with U.S. Serial No. 10/755,328, filed January 13, 2004	
	24	Complete file history for U.S. Patent Publication No. 2006-0178335, published August 10, 2006 (U.S. Serial No. 11/364,183, filed March 1, 2006; Peter Michael Waterhouse et al.)	
	24A	Interview Summary for February 1, 2008 Interview in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	24B	Office Action issued July 10, 2007 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	24C	Amendment submitted January 10, 2008 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	24D	Preliminary Amendment submitted March 1, 2006 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	24E	Office Action issued April 17, 2008 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	25	Complete file history for U.S. Patent Publication No. 2007-0078105, published April 4, 2007 (U.S. Serial No. 11/607,062, filed December 1, 2006; Peter Michael Waterhouse et al.)	
	25A	Preliminary Amendment submitted December 1, 2006 in connection with U.S. Serial No. 11/607,062, filed December 1, 2006	
	27C	Bussey, H., et al. (2006) "From worm genetic networks to complex human diseases" Nat. Genet. 38(8):862 - 863	
EXAMINER SIGNATURE		DATE CONSIDERED	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Applicant is to place a checkmark here if English language Translation is attached.			

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JFW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	27D	Fire et al. (1998) "Potent and Specific Genetic Interference by Double-Stranded RNA in Caenorhabditis elegans" Nature 391:806-822	
	27E	Gunsalus, K.C., and Piano, F. (2005) "RNAi as a tool to study cell biology: building the genome-phenome bridge" Curr. Opin. Cell. Biol. 17(1):3-8	
	27F	Homann, M., et al. (1996) "Dissociation of long-chain duplex RNA can occur via strand displacement in vitro: biological implications" Nucleic Acids Res. 24(22):4395-4400	
	27G	Prasad, B.V., et al. (1996) "Visualization of ordered genomic RNA and localization of transcriptional complexes in rotavirus" Nature 382(6590):471-473	
	27H	Wang, S., and Dolnick, B.J. (1993) "Quantitative evaluation of intracellular sense: antisense RNA hybrid duplexes." Nucleic Acids Res. 21(18):4383-4391	
	27I	Bissler, J.J. (1998) "DNA inverted repeats and human disease," Front Biosci. 3:408-418	
	27J	Chou, S.H., et al. (2003) "Unusual DNA duplex and hairpin motifs," Nucleic Acids Res. 31(10):2461-74	
	28A	European Search Report issued for EP05016726, completed on March 8, 2006	
	28B	EPO Form 2001 dated July 16, 2007 in connection with European Patent Application No. 05013010.3	
	28C	EPO Form 2906 dated July 16, 2007 in connection with European Patent Application No. 05013010.3	
	28D	International Preliminary Report on Patentability issued by the International Bureau of WIPO on March 13, 2006 in connection with International Application No. PCT/AU2004/001237	
	28E	International Search Report mailed on October 16, 2000, for PCT application no. PCT/IB00/01133 filed August 14, 2000	
	28F	International Search Report mailed on November 14, 2002, for PCT patent application no. PCT/AU02/01326 filed September 27, 2002, 4 pages	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office		Application Number	10/759,841
		Filing Date	January 15, 2004
		First Named Inventor	Michael Wayne Graham and Robert Norman Rice
		Art Unit	1635
		Examiner Name	Whiteman, Brian A.
		Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials²	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	28G	International Search Report issued by the International Searching Authority (ISA/AU) on October 20, 2004 in connection with International Application No. PCT/AU2004/001237	
	28H	Written Opinion mailed on March 19, 2001, for PCT application no. PCT/IB00/01133 filed August 14, 2000	
	28I	Written Opinion of the International Searching Authority issued by the International Preliminary Examining Authority (IPEA/AU) on October 20, 2004 in connection with International Application No. PCT/AU2004/001237	
	95	Abstract in English for European Patent Publication No. 0560156, published September 15, 1993, retrieved from esp@acenet on April 22, 2008	
	96	Amendment submitted November 4, 2005 in connection with U.S. Serial No. 10/282,996, filed October 30, 2002	
	97	Amendment submitted February 8, 2007 in connection with U.S. Serial No. 10/571,384, filed as a §371 national stage of PCT International Application No. PCT/AU2004/01237	
	98	Agami et al. (2002) "RNAi and Related Mechanisms And Their Potential Use For Therapy" Current Opinion in Chemical Biology 6:829-834	
	99	Barry et al. (1993) "Methylation induced premeiotically in ascobolus: coextension with DNA repeat lengths and effect on transcript elongation" Proc. Natl. Acad. Sci. 90:4557-4561	
	100	Becker, W.M., and Deamer, D.W. (1991) "The World of the Cell," pp. 474 to 477 (The Benjamin/Cummings Publishing Company, Inc., Redwood City, California, pub.)	
	101	Blomberg et al. (1990) "Control of Replication of Plasmid R1: the Duplex Between the Antisense RNA, CopA and its Target, CopT, is Processed Specifically in vivo and in vitro by Rnase III" The EMBO Journal 9:2331-2340	
	102	Bramlage et al. (1998) "Designing Ribozymes for the Inhibition of Gene Expression," TIBTECH, 16:434-438	
	103	Brantl et al. (1991) "Copy Number Control of the Streptococcal Plasmid p1P501 Occurs at Three Levels" Nucleic Acids Research 20:395-400	
	104	Braun and Hemenway (1992) "Expression of Amino-Terminal Portions or Full-Length Viral Replicase Genes in Transgenic Plants Confers Resistance to Potato Virus X Infection" Plant Cell 4:735-744	

EXAMINER SIGNATURE	DATE CONSIDERED
-------------------------------	------------------------

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

**Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office**
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	105	Brederode et al. (1995) "Replicase-Mediated Resistance to Alfalfa Mosaic Virus" Virology 207:467-474	
	106	Brussian, J.A. et al., (1993) "An Arabidopsis Mutant with a Reduced Level of cab140 RNA is a Result of Cosuppression" The Plant Cell, American Society of Plant Physiologists, Rockville, MD, USA, 5:667-677	
	107	Berns, K., et al. (2004) "A large-scale RNAi screen in human cells identifies new components of the p53 pathway," Nature 428:431-437	
	108	Byzova et al. (2004) "Transforming Petals Into Sepaloid Organs in Araidopsis and Oilseed Rape: Implementation of the Hairpin RNA Mediated Gene Silencing Technology in an Organ-Specific Manner" Planta 218:379-87	
	109	Cameron et al. (1989) "Specific Gene Supression by Engineered Ribozymes in Monkey Cells" Proc. Natl. Acad. Sci. USA 86:9139-9143	
	110	Caplen et al. (2002) "A New Approach to the Inhibition of Gene Expression" Trends In Biotechnology 20:49-51	
	111	Carr et al. "Resistance to Tobacco Mosaic Virus Induced by the 54-k Da Gene Sequence Requires Expression of the 54-k Da Protein" Mol. Plant-Micorb. Interact 5:397-404	
	112	Chen et al. (2003) "Temporal and Spatial Control of Gene Silencing in Transgenic Plants by Inducible Expression of Double Stranded RNA" The Plant Journal 36:731-40	
	113	Covey et al. (1997) "Plants Combat Infection by Gene Silencing," Nature 385:781-782	
	114	Citron et al. (1990) "The c4 Repressors of Bacteriophages P1 and P7 Are Antisense RNAs" Cell 62:591-598	
	115	Dale et al. (1990) "Intra-and Intermolecular Site-Specific Recombination in Plant Cells Mediated by Bacteriophage P1 Recombinase" Gene 91:79-85	
	116	Davis, EM et al. (1997) "Expansion of a CUG trinucleotide repeat in the 3' untranslated region of myotonic dystrophy protein kinase transcripts results in nuclear retention of transcripts," Proc. Natl. Acad. Sci. USA 94:7388-7393	
	117	Denoya et al. (1986) "Translational Autoregulation of ermC 23S rRNA Methyltransferase Expression in Bacillus subtilis" Journal of Bacteriology 113-1141	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	118	Donahue C.P. et al. (1997) "Kinetics of Hairpin Ribozyme Cleavage in Yeast" RNA 3:961-973	
	119	Eckner et al. (1991) "Mature mRNA 3' End Formation Stimulates RNA Export From the Nucleus," EMBO J. 10:3513-3522	
	120	Egli and Braus (1994) "Uncoupling of mRNA 3' Cleavage and Polyadenylation by Expression of a Hammerhead Ribozyme in Yeast," J. Biol. Chem. 269:27378-27383	
	121	Faske, M. et al. (1997) "Transgenic Tobacco Plants Expressing Pea Chloroplast Nmdh cDNA in Sense and AntiSense Orientation," Plant Physiol., Am. Soc. Of Plant Physiologists, Lancaster, PA, 115:705-715	
	122	Garcia et al. (2004) "A Classical Arabinogalactan Protein is Essential for the Initiation of Female Gametogenesis in Arabidopsis" The Plant Cell 16:2614-28	
	123	Gilbert, S.F. (1997) "Development Biology" 5th ed., Sinauer Associates Inc., Sunderland, MA, pubs.	
	124	Goodwin et al. (1996) "Genetic and Biochemical Dissection of Transgenic RNA-Mediated Virus Resistance" Plant Cell 8:95-105	
	125	Graham, M.W. et al. (1996) "Co-suppression, Anti-Sense and Synthetic Viral Resistance: a Common Mechanism!" Symposium 4-3, Abstract for talk given by Michael Graham at the Lorne Genome Conference, Victoria, Australia, February 1996	
	126	Guo et al. (2003) "A Chemical Regulated Inducible RNAi System in Plants" The Plant Journal 34:383-92	
	127	Hama et al. (1990) "Organization of the Replication Control Region of Plasmid Collb-P9" Journal of Bacteriology 1983-1991	
	128	Hamilton et al. (1990) "Antisense Gene That Inhibits Synthesis of the Hormone Ethylene in Transgenic Plants" Nature 346:284-287	
	129	Haseloff et al. (1988) "Simple RNA Enzymes With New and Highly Specific Endonuclease Activities," Nature 334:585-591	
	130	Heard, D.J., et al. (1995) "An upstream U-snrRNA gene-like promoter is required for transcription of the Arabidopsis thaliana 7SL RNA gene," Nucleic Acids Res. 23(11):1970-6	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

**Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office**

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	131	Hergersberg, M. (1998) Inaugural Dissertation, Universität Köln	
	132	Hobbs et al. (1990) "The Effect of T-DNA Copy Number, Position and Methylation on Reporter Gene Expression in Tobacco Transformants" Plant Mol. Biol. 15:851-864	
	133	Ingelbrecht et al. (1994) "Postranscriptional Silencing of Reporter Transgenes in Tobacco Corrects with DNA Methylation" 91:10502-10506	
	134	Itaya A et al., (2001) "Potato spindle tuber viroid as Inducer of RNA Silencing in Infected Tomato," Mol. Plant Microbe In. 14(11):1332-1334	
	135	James, W. (1991) "Towards gene-inhibition therapy: a review of progress and prospects in the field of antiviral antisense nucleic acids and ribozymes," Antivir. Chem. Chemother. 2(4):191-214	
	136	Jorgensen et al. (1987) "T-DNA is Organized Predominantly In Inverted Repeat Structures in Plants Transformed with Agrobacterium Tumefaciens C58 Derivatives" Mol. Gen. Genet. 207:471-477	
	137	Kawcheck et al. (1991) "Sense and Antisense RNA-Mediated Resistance to Potato Leafroll Virus in Russet Burbank Potato Plants" 4:247-253	
	138	Kelton, C.A., et al. (1992) "The cloning of the human follicle stimulating hormone receptor and its expression in COS-7, CHO, and Y-1 cells," Mol. Cell. Endocrinol. 89(1-2):141-51	
	139	Kuipers et al. (1995) "Factors Affecting the Inhibition by Antisense RNA of Granule-Bound Starch Synthase Gene Expression in Potato" Mol. Gen. Genet. 246:745-755	
	140	Kubo et al. (1989) "mRNA Secondary Structure in an Open Reading Frame Reduces Translation Efficiency in Bacillus subtilis" Journal of Bacteriology 171:4080-4082	
	141	Kumagai et al. (1995) "Cytoplasmic Inhibition of Carotenoid Biosynthesis With Virus-Derived RNA" Genetics 92:1679-1683	
	142	Lee et al. (2003) "Making a Better RNAi Vector for Drosophila: Use of Intron Spacers" Methods 30:322-9	
	143	Leech et al. (1993) "Expression of myb-related Genes in the Moss, Physcomitrella patens" The Plant Journal 3:51-61	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	144	Li et al. (2005) "The Cotton ACTIN1 Gene is Functionally Expressed in Fibers and Participates in Fiber Elongation" The Plant Cell 17:859-75	
	145	Lindbo & Dougherty (1992) "Pathogen-Derived Resistance to a Potyvirus: Immune and Resistant Phenotypes in Transgenic Tobacco Expressing Altered Forms of a Potyvirus Coat Protein Nucleotide Sequence" Mol. Plant Micr. Int. 5:144-153	
	146	Lindbo & Dougherty (1992) "Untranslatable Transcripts of the Tobacco Etch Virus Coat Protein Gene Sequence Can Interfere With Tobacco Etch Virus Replication in Transgenic Plants and Protoplasts" Virology 189:725-733	
	147	Lindbo, John et al. (2001) "Virus-Mediated Reprogramming of Gene Expression in Plants" Current Opinion in Plant Biology, 4:181-185	
	148	Liu, Z. et al. (1994) "An Efficient New Method to Inhibit Gene Expression" Molecular Biotechnology 2:107, 109-118	
	149	Liu, Z. et al. (1994) "Nuclear Antisense RNA: An Efficient New method to Inhibit Gene Expression," Molecular Biotechnology 2: 107-118	
	150	Liu, Z. et al. (1994) "Targeted Nuclear Antisense RNA Mimics Natural Antisense-Induced Degradation of Polyoma Virus Early RNA" PNAS 91:4258-4262	
	151	Longstaff et al. (1993) "Extreme Resistance to Potato Virus X Infection in Plants Expressing a Modified Component of the Putative Viral Replicase" EMBO J. 12:379-386	
	152	Liziewicz et al. (1991) "Tat-Regulated Production of Multimerized TAR RNA Inhibits HIV-I Gene Expression" The New Biologist 3:82-89	
	153	Lo et al. (1992) "Inhibition of Replication of HIB-1by Retroviral Vectors Expressing tat-Antisense an Anti-tat Ribozyme RNA" Virology 190:176-183	
	154	Lovett et al. (1990) "Translational Attenuation as the Regulator of Inducible cat Genes" Journal of Bacteriology 172:1-6	
	155	Marathe, R.P (1997) "CIS-Repeat Induced Gene Silencing in Tobacco," Ph.D. Thesis, University of South Carolina	
	156	Marathe, R.P. et al. (1997) "Cis Repeat Induced Gene Silencing in Tobacco," Abstract P10141	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Application Number	10/759,841
	Filing Date	January 15, 2004
	First Named Inventor	Michael Wayne Graham and Robert Norman Rice
	Art Unit	1635
	Examiner Name	Whiteman, Brian A.
	Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	157	Memelink et al. (1992) "Structure and Regulation of Tobacco Extension" The Plant Journal 4:1011-1012	
	158	Mette, et al. (1999) "Production of Aberrant Promoter Transcripts Contributes to Methylation and Silencing of Unlinked Homologous Promoters in trans," The EMBO Journal 18:241-248	
	159	Meyer, P. (1996) "Homology-Dependent Gene Silencing in Plants" Ann. Rev. Plant Physiol. Plant Mol. Biol. 47:23-48	
	160	Miller et al. (1991) "A Satellite RNA of Barley Yellow Dwarf Virus Contains a Novel Hammerhead Structure in the Self-Cleavage Domain" Virology 183:711-720	
	161	Montgomery, M.K. (1998) "Double-Stranded RNA as a Mediator in Sequence-Specific Genetic Silencing and Co-Suppression" TIG, Vol. 14, No. 7:255-258	
	162	Ngo, V.N., et al. (2006) "A loss-of-function RNA interference screen for molecular targets in cancer," Nature 441:106-110	
	163	O'Brien et al. (2002) "Molecular Analysis of the Stylar-Expressed Solanum Chacoense Small Asparagine-rich Protein Family Related to the HT Modifier of Gametophytic Self-Incompatibility in Nicotiana" The Plant Journal 22:985-96	
	164	Office Action issued January 25, 2006 in connection with U.S. Serial No. 10/282,996, filed October 30, 2002	
	165	Paddison, P.J., et al. (2002) "Stable suppression of gene expression by RNAi in mammalian cells," Proc. Natl. Acad. Sci. U.S.A. 99:1443-1448	
	166	Paddison, P.J., et al. (2004) "A resource for large-scale RNA interference-based screens in mammals" Nature 428:427-431	
	167	Pang et al. (1996) "Post-transcriptional Transgene Silencing and Consequent Tospovirus Resistance in Transgenic Lettuce are Affected by Transgene Dosage and Plant Development" Plant J. 9:899-909	
	168	Papefthimiou et al. (2001) "Replicating potato spindle tuber viroid RNA is accomplished by short RNA fragments that are characteristic of post-transcriptional gene silencing," Nucleic Acids Res. 29(11):2395-2400	
	169	Polyadenylation, Wikipedia, 3 pages, http://en.wikipedia.org/wiki/Polyadenylation (February 20, 2007)	

EXAMINER SIGNATURE	DATE CONSIDERED
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Applicant is to place a checkmark here if English language Translation is attached.	

**Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office**
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	170	Polyadenylation, Wikipedia, 3 pages, http://en.wikipedia.org/wiki/Polyadenylation (February 20, 2007) (redacted)	
	171	Powell et al. (1990) "Protection Against Tobacco Mosaic Virus Infection in Transgenic Plants Requires Accumulation of Coat Protein Rather than Coat Protein RNA Sequences" Virology 175:124-130	
	172	Powell-Abel et al. (1986) "Delay of Disease Development in Transgenic Plants that Express the Tobacco Mosaic Virus Coat Protein Gene" Science 232:738-743	
	173	Proud et al. (1995) "PKR: a New Name and New Roles" TIBS 241-246	
	174	Preliminary Amendment submitted March 10, 2006 in connection with U.S. Serial No. 10/571,384, filed as a §371 national stage of PCT International Application No. PCT/AU2004/01237	
	175	Redenbaugh et al. (1992) "Safety Assessment of Genetically Engineered Fruits and Vegetables - A Case Study of the FlavrSavr™ Tomato," CRC Press, Boca Raton, FL	
	176	Rubio et al., (1999) "Broad Spectrum Protection Against Tombusviruses Elicited by Defective Interfering RNAs in Transgenic Plants" J. Virology 73:5070-5078	
	177	Sambrook, J., et al. "Molecular Cloning. A Laboratory Model," 2nd ed., pp. 16.1 to 16.81 (Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, pub.)	
	178	Samuel et al. (2002) "Double-Jeopardy: Both Overexpression and Suppression of a Redox-Activated Plant Mitogen-Activated Protein Kinase Render Tobacco Plants Ozone Sensitive" The Plant Cell 14:2059-69	
	179	Sanford, J.C., et al. (1985) "The Concept of Parasite-Derived Resistance-Deriving Resistance Genes from the Parasite's own Genome," J. Theor. Biol. 13:395-405	
	180	Savin, K.W., et al. (1995) "Antisense ACC Oxidase RNA Delays Carnation Petal Senescence," Hortscience 30(5):970-972	
	181	Scherr et al. (2003) "Gene Silencing Mediated by Small Interfering RNA's in Mammalian Cells" Current Medicinal Chemistry 10:245-256	
	182	Schiebel, W. et al. (1993a) "RNA-directed RNA Polymerase from Tomato Leaves" The Journal of Biological Chemistry 268(16):11858-11867	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

**Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office**
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	183	Schiebel, W. et al. (1993b) "RNA-directed RNA Polymerase from Tomato Leaves" The Journal of Biological Chemistry 268(16):11858-11867	
	184	Schiedner, G., et al. (1998) "Genomic DNA transfer with a high-capacity adenovirus vector results in improved in vivo gene expression and decreased toxicity," Nat. Genet. 18(2):180-3	
	185	Sheehy, R.E. et al. (1998), "Reduction of Polygalacturonase Activity in Tomato Fruit by Antisense RNA" Proc. Natl. Acad. Sci, USA 85:8805-8809	
	186	Silva, J.M., et al. (2005) "Second-generation shRNA libraries covering the mouse and human genomes" Nat Genet. 37:1281-1288	
	187	Smith, Neil et al. (1994) "Transgenic Plant Virus Resistance Mediated by Untranslatable Sense RNAs: Expression, Regulation, and Fate of Nonessential RNAs" Plant Cell 6:1441-1453	
	188	Sun et al., (1995) "Target Sequence-Specific Inhibition of HIV-1 Replication by Ribozymes Directed to tat RNA" Nucleic Acids Research 23:2909-2913	
	189	Swaney, S. et al. (1995) "RNA-Mediated Resistance with Nonstructural Genes from the Tobacco Etch Virus Genome," MPMI 8(6):1005-1011	
	190	Tabara, H., et al. (1998) "RNAi in C. elegans: Soaking in the Genome Sequence," Science 282(5388):430-431	
	191	Takahashi et al. (1997) "Development of Necrosis and Activation of Disease Resistance in Transgenic Plants with Severely Reduced Catalase Levels" The Plant Journal 11:993-1005	
	192	Thomas, C.L., et al. (2001) "Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a potato virus X vector," Plant J. 25(4):417-25	
	193	Thompson et al. (1995) "Improved Accumulation and Activity of Ribozyme Expressed From a tRNA-based RNA Polymerase III Promoter" Nucleic Acids Research 23:2259-2268	
	194	Trojan, J., et al. (1992) "Loss of tumorigenicity of rat glioblastoma directed by episome-based antisense cDNA transcription of insulin-like growth factor I," Proc. Natl. Acad. Sci. USA 89:4874-4878	
	195	Trojan, J., et al. (1992) "Loss of tumorigenicity of rat glioblastoma directed by episome-based antisense cDNA transcription of insulin-like growth factor I," Proc. Natl. Acad. Sci. USA 89:4874-4878 (redacted)	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

**Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office**

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JFW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	196	Vaish et al. (1998) "Recent Developments in the Hammerhead Ribozyme Field" Nucleic Acids Res. 26:5237-5242	
	197	Van Blokland et al. (1996) "Post-Transcriptional Suppression of Chalcone Synthase Genes in Petunia Hybrida and the Accumulation of Unspliced pre-mRNA, Mechanisms and Applications of Gene Silencing"	
	198	Van Blokland, R. et al. (1994) "Transgene-mediated Suppression of Chalcone Synthase Expression in Petunia hybrida Results from an increase in RNA Turnover" The Plant Journal 6(6):861-877	
	199	van Eldik et al. (1998) "Silencing of β -1,3-glucanase Genes in Tobacco Correlates With an Increased Abundance of RNA Degradation Intermediates," Nucleic Acids Res 26:5176-5181	
	200	van Houdt et al. (1997) "Post-Transcriptional Silencing of a Neomycin Phosphotransferase II Transgene Correlates With the Accumulation of Unproductive RNAs and With Increased Cytosine Methylation of 3' Flanking Regions," Plant Journal 12:379-392	
	201	Vaucheret et al. (1992) "Inhibition of Tobacco Nitrite Reductase Activity by Expression of Antisense RNA" The Plant Journal 2:559-569	
	202	Wassenegger and Pelissier (1998) "A Model for RNA-Mediated Gene Silencing in Higher Plants," Plant Mol. Biol. 37:349-362	
	203	Welch P.J. et al. (1998) "Expression of Ribozymes in Gene Transfer Systems to Modulate Target RNA Levels" Current Opinion in Biotechnology 9:486-496	
	204	Wesley SV et al. (2001) "Construct design for efficient, effective and high-throughput gene silencing in plants," Plant J. 27(6):581-590	
	205	Weerasinghe et al. (1991) "Resistance to Human Immunodeficiency Virus Type 1 (HIV-1) Infection in Human CD4 Lymphocyte-Derived Cell Lines Conferred by Using Retroviral Vectors Expressing an HIV-1 RNA-Specific Ribozyme" Journal of Virology 65:5531-5534	
	206	Xu, M., et al. (1989) "Immunoglobulin kappa gene expression after stable integration. II. Role of the intronic MAR and enhancer in transgenic mice," J Biol Chem. 264(35):21190-5	
	207	Yu et al. (1995) "In Vitro and in Vivo Characterization of a Second Functional Hairpin Ribozyme Against HIV-1" Virology 26:381-386	
	208	Yu, M., et al. (1993) "A hairpin ribozyme inhibits expression of diverse strains of human immunodeficiency virus type 1," Proc. Natl. Acad. Sci. USA 90:6340-6344	

EXAMINER
SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.

**Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office**
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	209	Yu, M., et al. (1993) "A hairpin ribozyme inhibits expression of diverse strains of human immunodeficiency virus type 1," Proc. Natl. Acad. Sci. USA 90:6340-6344 (redacted)	
	210	Erratum to Yu, M., et al. (1993) "A hairpin ribozyme inhibits expression of diverse strains of human immunodeficiency virus type 1," Proc. Natl. Acad. Sci. USA 90(17):8303	
	211	Zhao, Y. et al. (2001) "Use of a vector based on Potato Virus X in a whole plant assay to demonstrate nuclear targeting of Potato spindle tuber viroid," J. Gen. Virol. 82:1491-1497	
	212	Zhou et al. (1994) "Inhibition of HIV-1 in Human T-Lymphocytes by Retrovirally Transduced anti-tat and rev Hammerhead Ribozymes" Gene 149:33-39	
	213	Zrenner et al. (1995) "Evidence of the Crucial Role of Sucrose Synthase for Sink Strength Using Transgenic Potato Plants" The Plant Journal 7:97-107	
	214	Alberts, B., et al. (1989) "Molecular Biology of the Cell" 2nd ed., pp.102, 486487 and 532-535 (Garland Publishing, Inc., New York, NY, pubs.)	
	215	Australian Written Opinion for SG200205122-5 dated October 24, 2005	

**EXAMINER
SIGNATURE**
DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a checkmark here if English language Translation is attached.